

Infant Mortality Data

Reena Oza-Frank

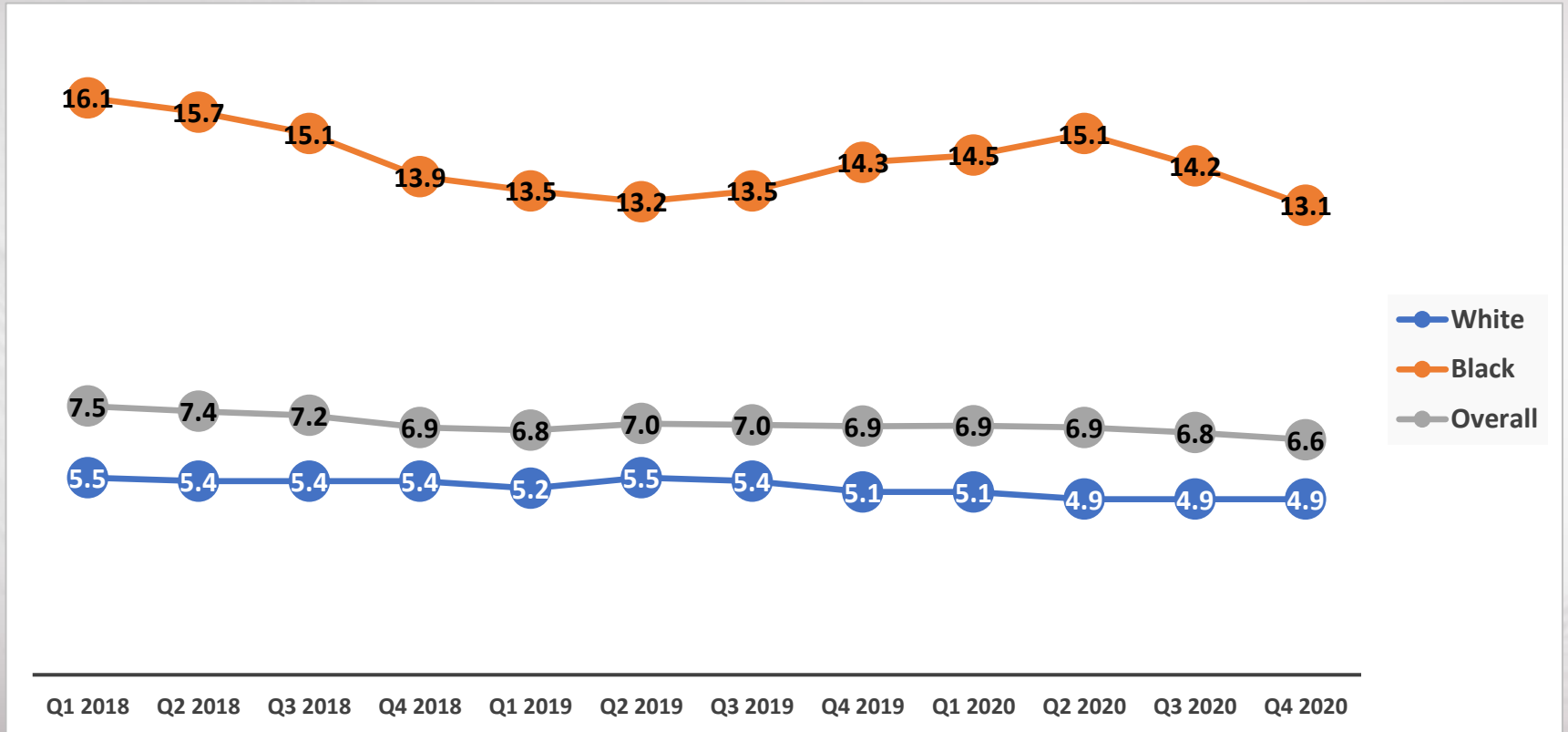
Ohio Department of Health

Data and Surveillance

Bureau of Maternal, Child, and Family Health

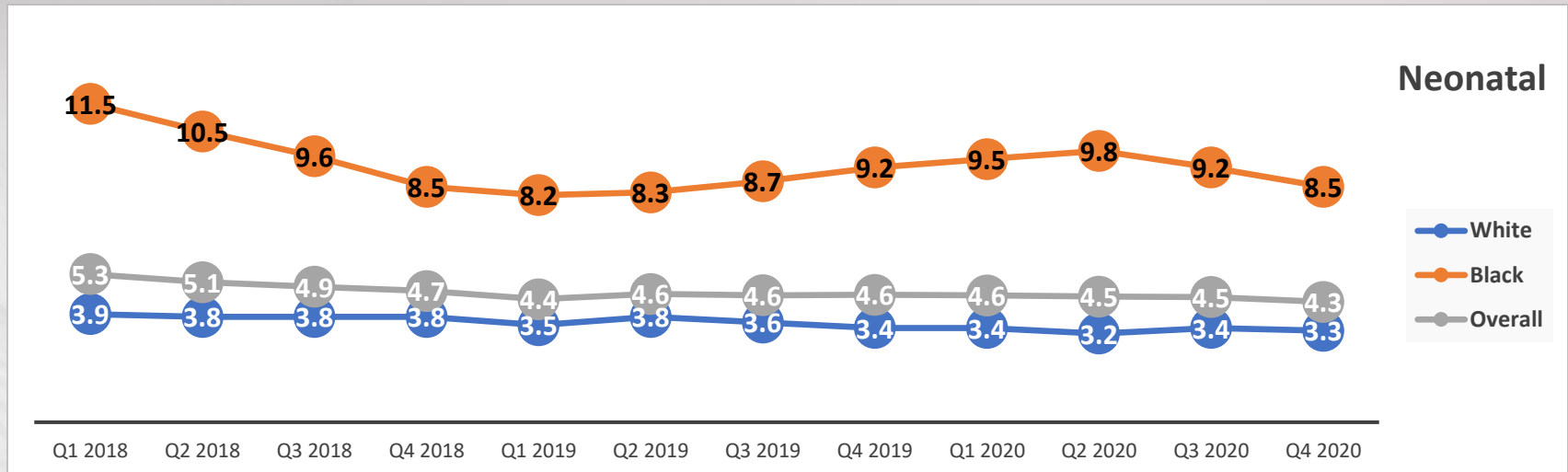


Quarterly Rolling 12-Month Average Infant Mortality Rates



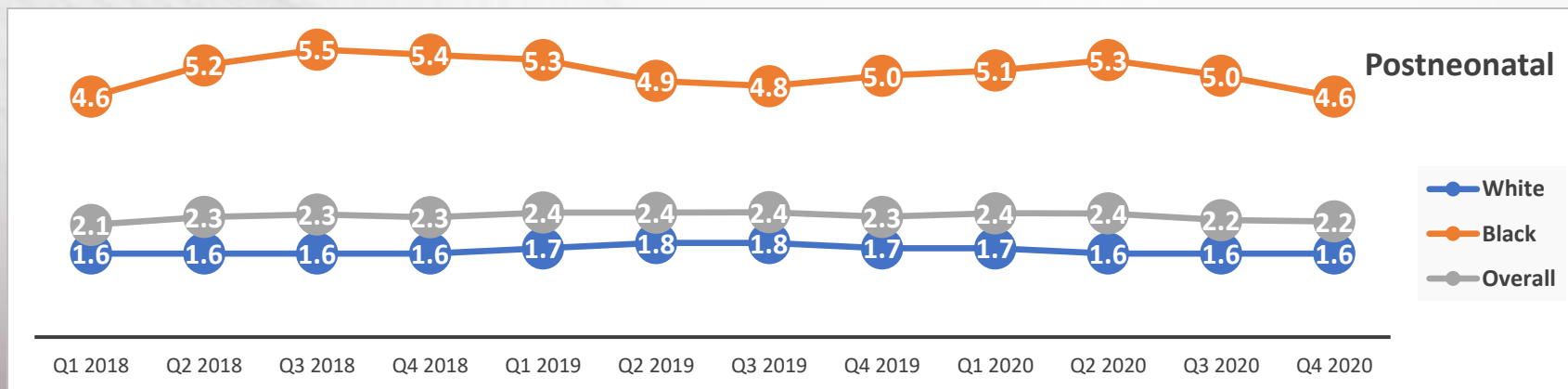
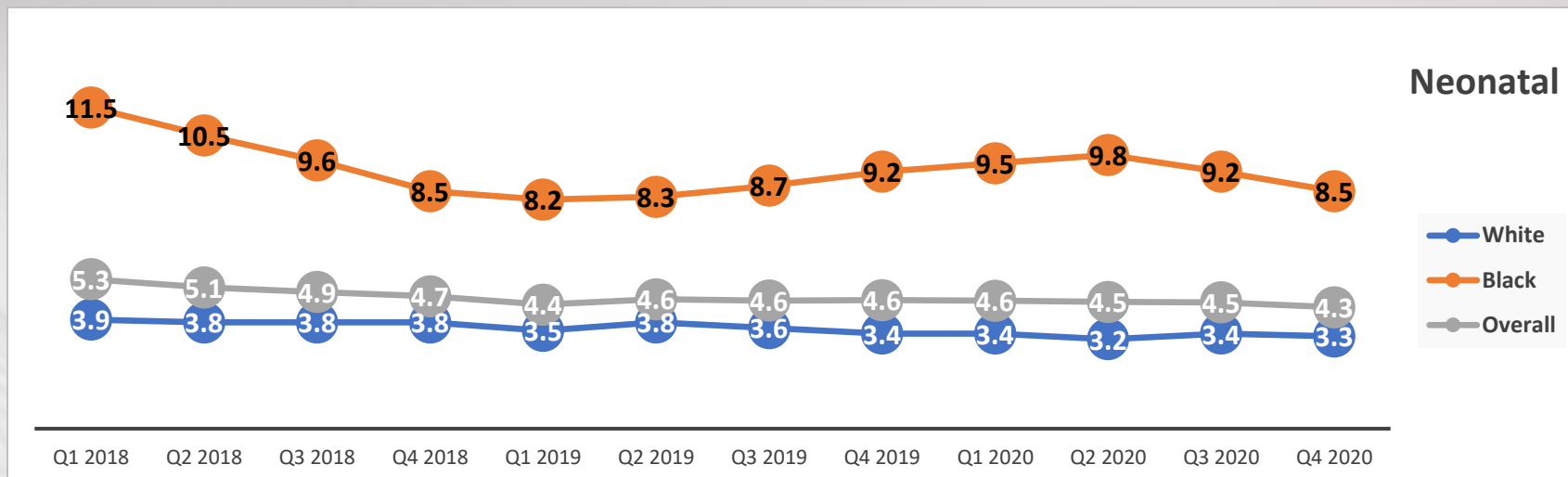
Data Source: Ohio Department of Health, Bureau of Vital Statistics
Note: 2020 data is preliminary

Quarterly Rolling 12-Month Average Neonatal and Postneonatal Mortality Rates



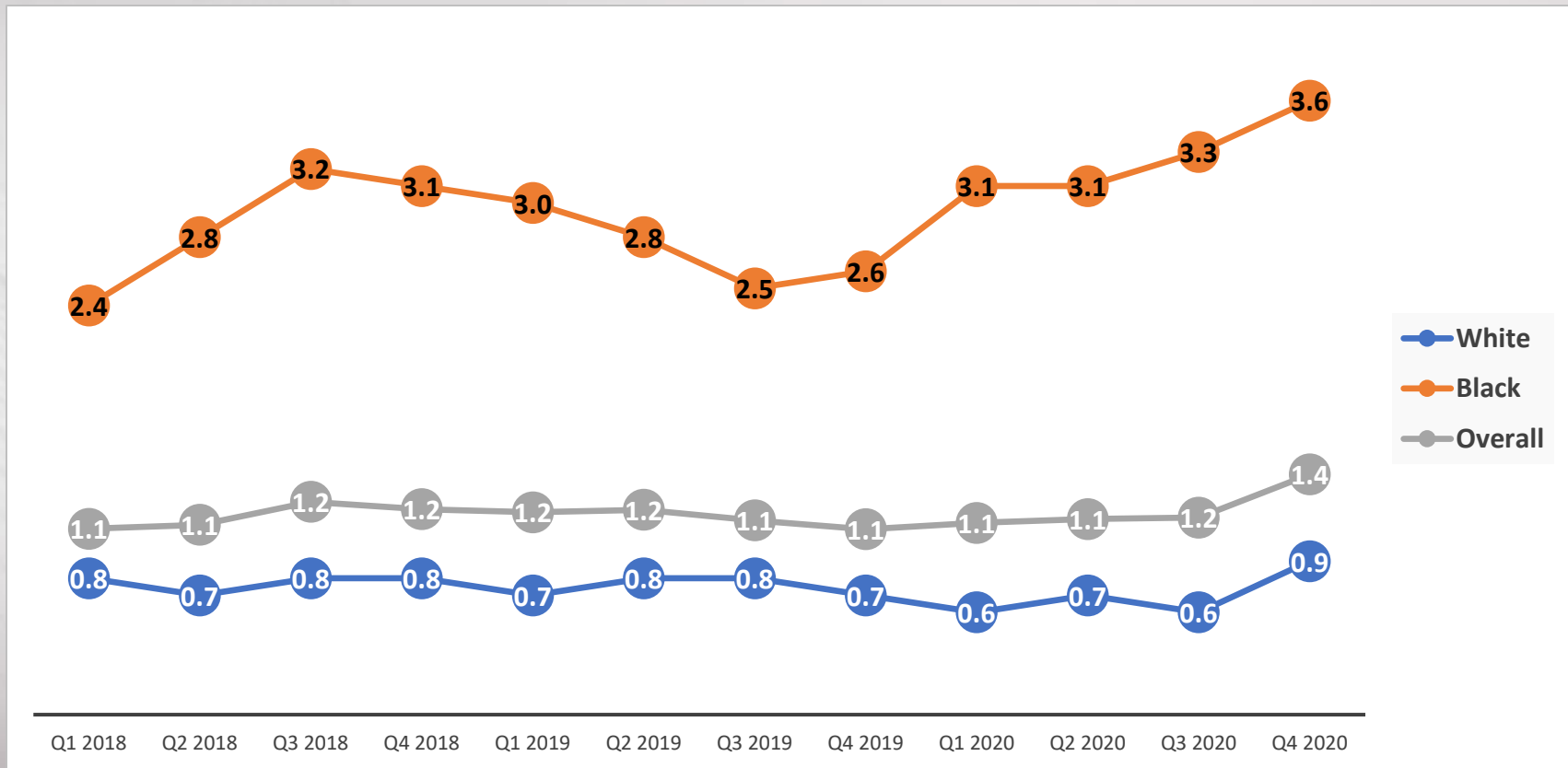
Data Source: Ohio Department of Health, Bureau of Vital Statistics
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Quarterly Rolling 12-Month Average Neonatal and Postneonatal Mortality Rates



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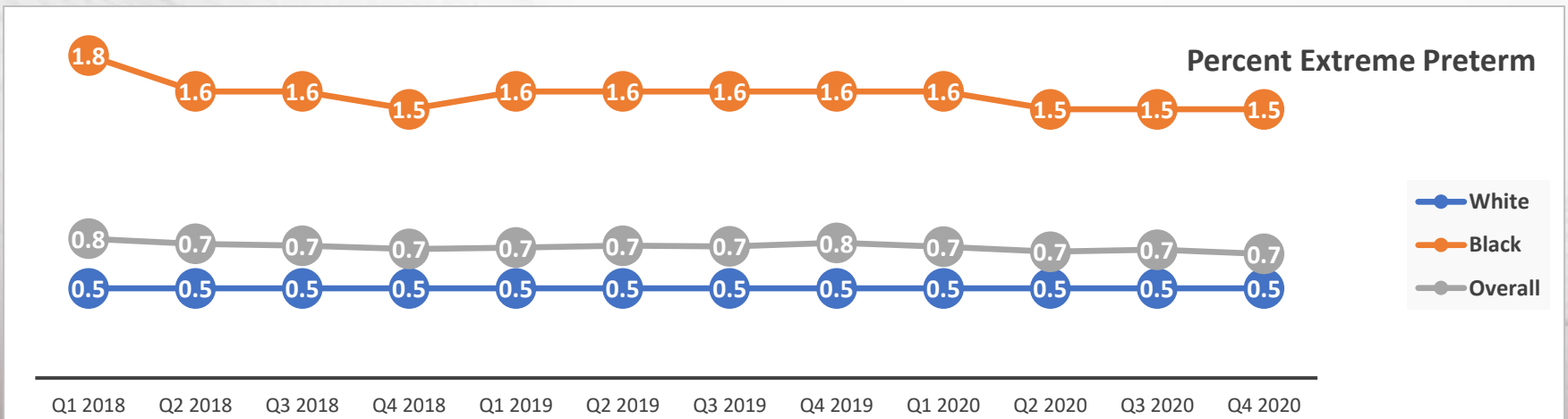
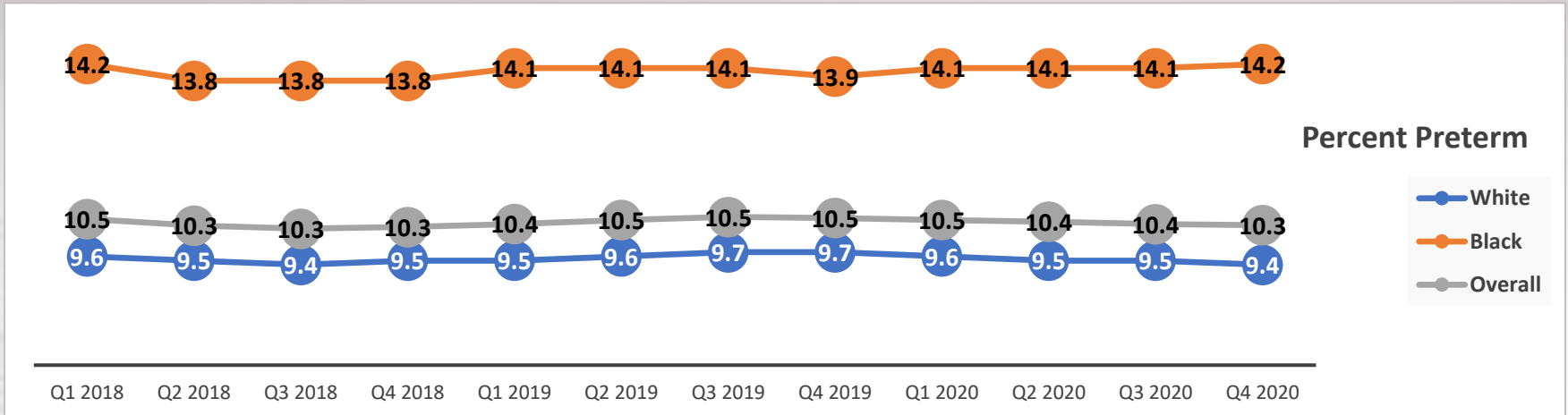
Quarterly Rolling 12-Month Average Sudden Unexpected Infant Death (SUID) Rates



Data Source: Ohio Department of Health, Bureau of Vital Statistics

Note: 2020 data is preliminary

Quarterly Rolling 12-Month Average Percent Preterm (< 37 weeks) and Extreme Preterm Births (< 28 weeks)



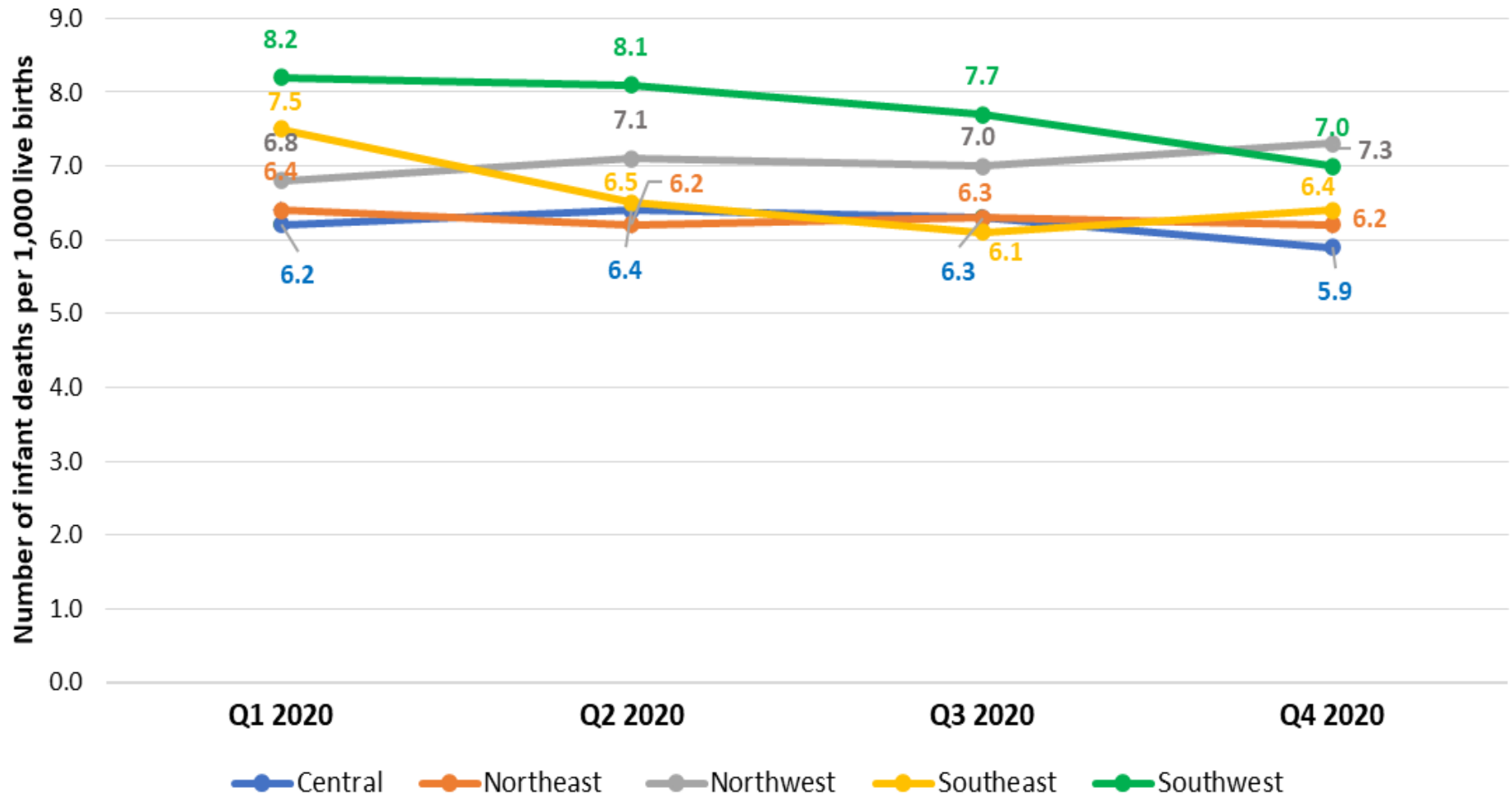
Data Source: Ohio Department of Health, Bureau of Vital Statistics
 Note: 2020 data is preliminary

Regional Data

Quarter	Region	IMR	NMR	PMR	SUID	Preterm	Extreme Preterm
Q1 2020	Northwest	6.80	4.50	2.30	1.00	10.60	0.70
	Southwest	8.20	5.70	2.50	1.00	10.80	0.90
	Northeast	4.50	2.70	1.80	0.70	10.00	0.50
	Southeast	6.80	4.60	2.20	1.40	10.40	0.70
	Central	6.20	3.70	2.50	1.30	9.90	0.50
Q2 2020	Northwest	6.80	4.40	2.40	1.00	10.60	0.70
	Southwest	7.80	5.20	2.50	1.00	10.70	0.80
	Northeast	5.00	3.00	2.00	0.70	10.00	0.50
	Southeast	7.20	5.10	2.10	1.30	10.60	0.80
	Central	5.70	3.50	2.20	1.20	9.60	0.50
Q3 2020	Northwest	6.60	4.20	2.40	1.00	10.50	0.70
	Southwest	7.30	4.80	2.50	1.20	10.50	0.80
	Northeast	5.70	3.90	1.80	0.70	9.70	0.60
	Southeast	7.10	5.30	1.80	1.20	10.50	0.80
	Central	5.70	3.40	2.20	1.30	9.80	0.50
Q4 2020	Northwest	6.20	3.90	2.30	1.30	10.60	0.70
	Southwest	6.70	4.20	2.50	1.60	10.50	0.70
	Northeast	6.10	4.50	1.60	0.90	9.40	0.60
	Southeast	7.00	5.10	1.90	1.30	10.60	0.80
	Central	5.80	3.60	2.20	1.40	9.40	0.60

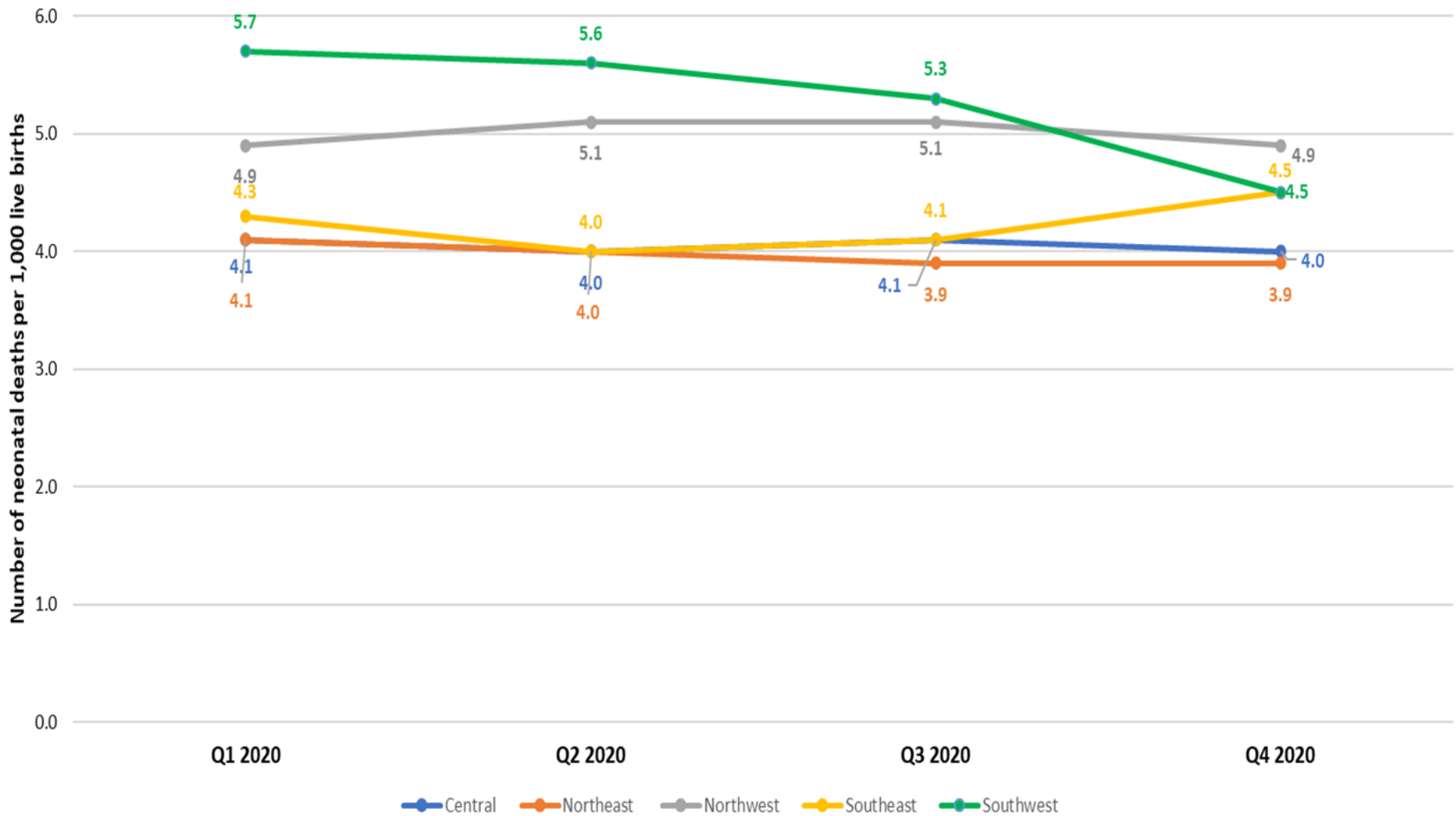
Data Source: Ohio Department of Health, Bureau of Vital Statistics
 Note: 2020 data is preliminary

Ohio Infant Mortality Rates by Region, 2020 Q1-Q4*



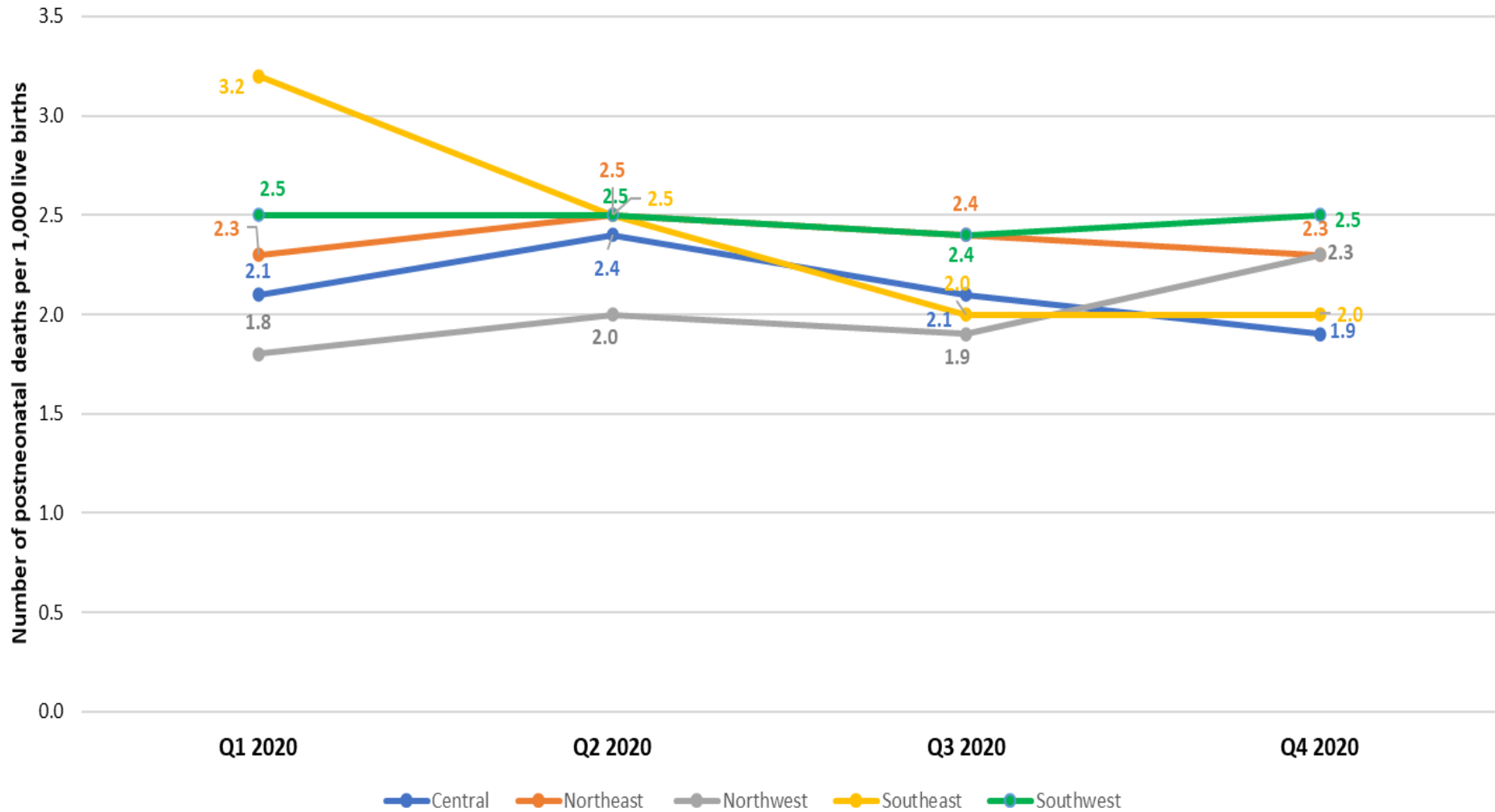
Data Source: Ohio Department of Health, Bureau of Vital Statistics
Note: 12-month quarterly averages, 2020 data is preliminary

Ohio Neonatal Mortality Rates by Region, 2020 Q1-Q4



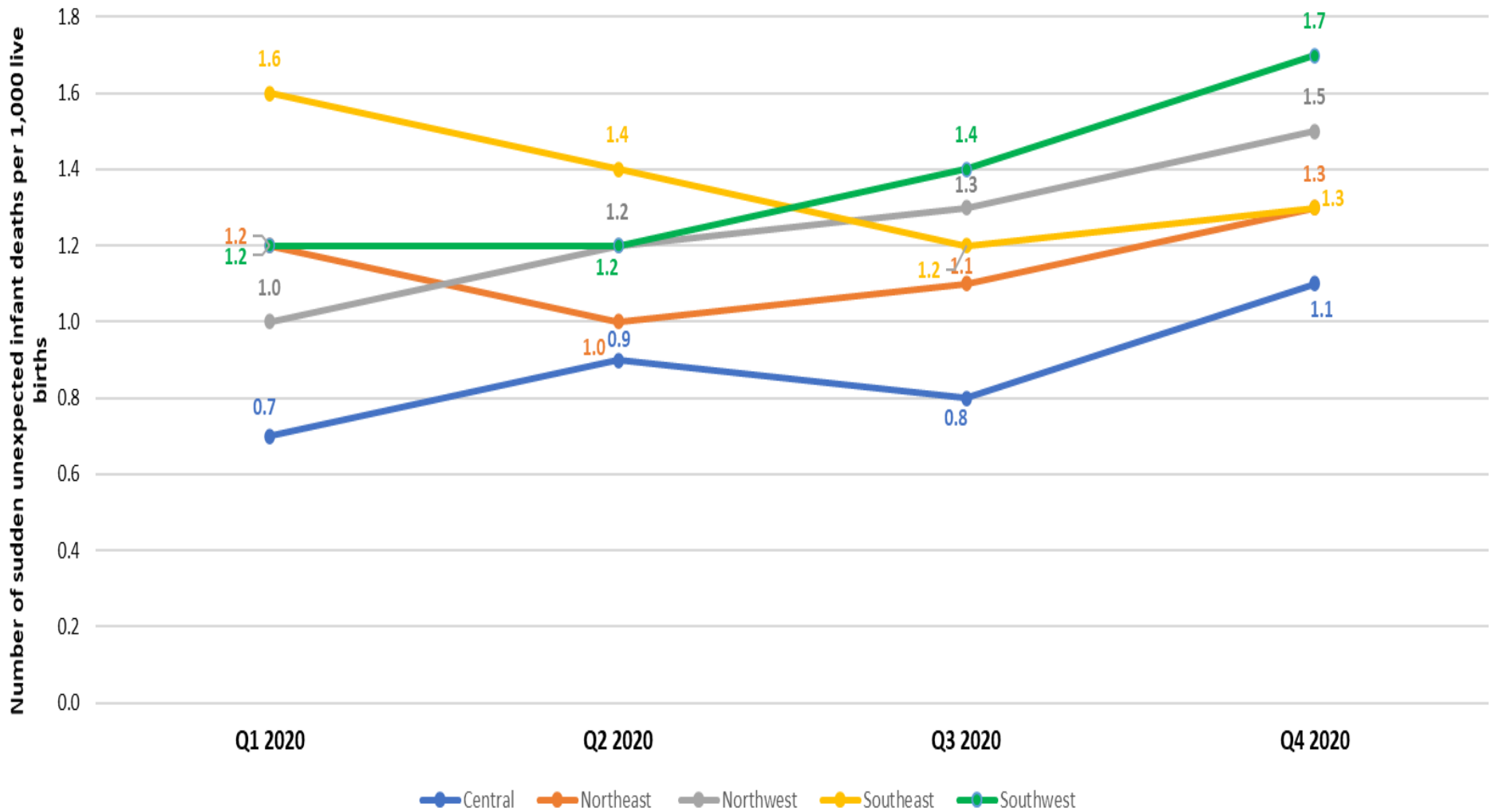
Data Source: Ohio Department of Health, Bureau of Vital Statistics
Note: 12-month quarterly averages, 2020 data is preliminary

Ohio Postneonatal Mortality Rates by Region, 2020 Q1-Q4



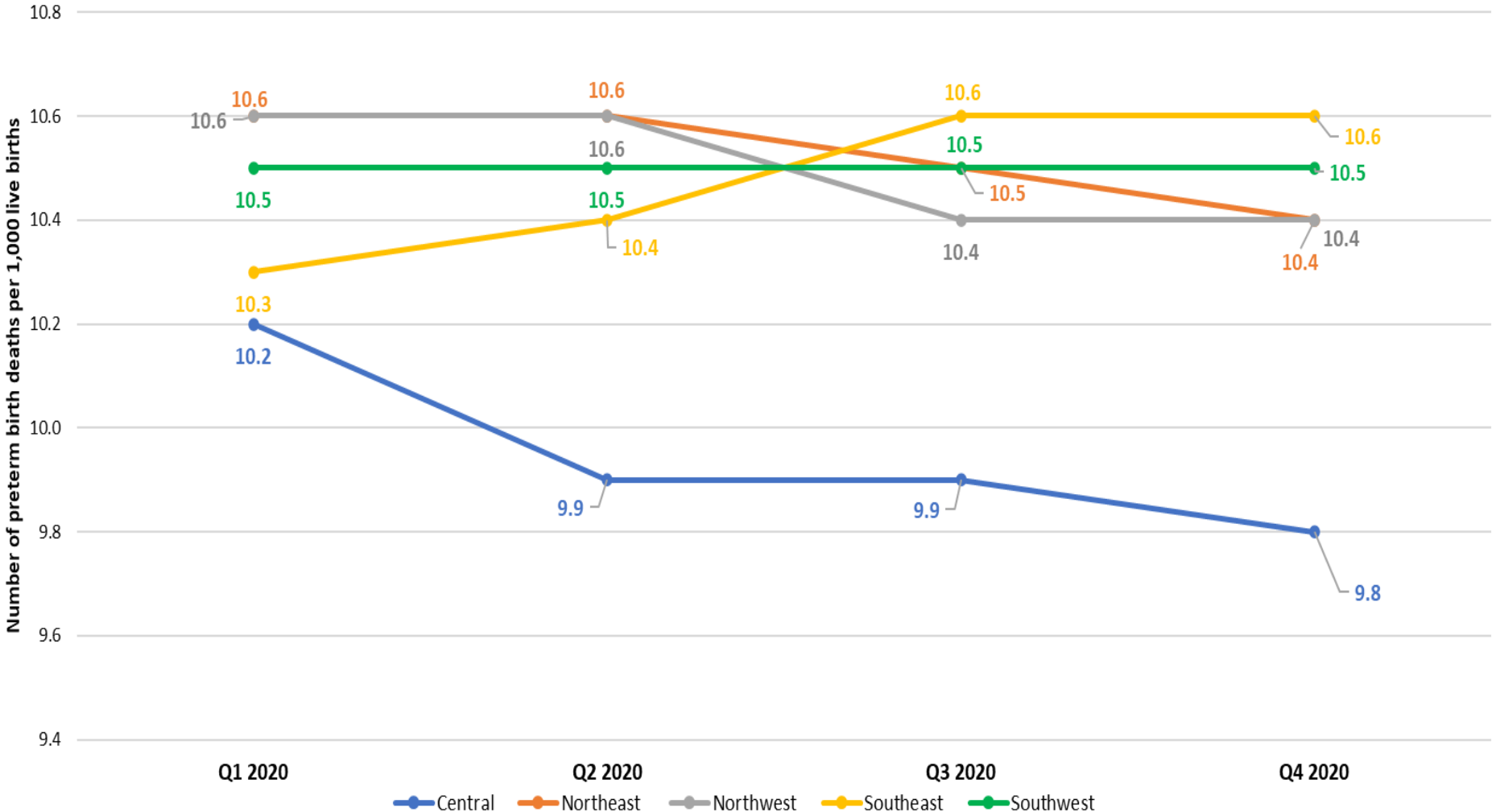
Data Source: Ohio Department of Health, Bureau of Vital Statistics
Note: 12-month quarterly averages, 2020 data is preliminary

Ohio Sudden Unexpected Infant Death Mortality Rates by Region, 2020 Q1-Q4



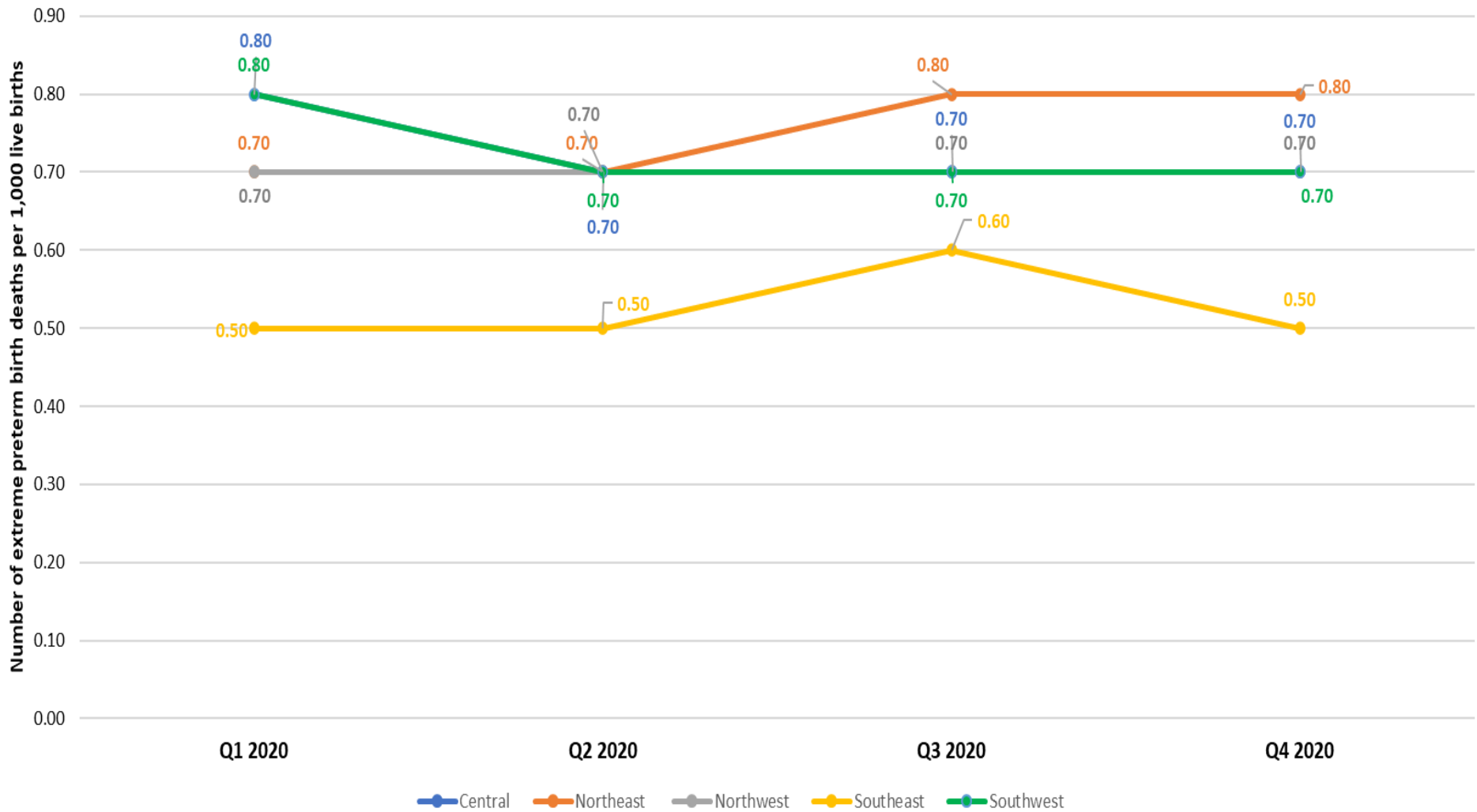
Data Source: Ohio Department of Health, Bureau of Vital Statistics
Note: 12-month quarterly averages, 2020 data is preliminary

Ohio Preterm Birth Percentage by Region, 2020 Q1-Q4



Data Source: Ohio Department of Health, Bureau of Vital Statistics
 Note: 12-month quarterly averages, 2020 data is preliminary

Ohio Extreme Preterm Birth Percentage by Region, 2020 Q1-Q4



Data Source: Ohio Department of Health, Bureau of Vital Statistics
Note: 12-month quarterly averages, 2020 data is preliminary

Methodology for Calculating Infant Mortality

- We are currently examining methods for calculating infant mortality and would like to move towards consistency with CDC/NCHS.
- ODH will be conducting a survey of OEI grantees to determine variability in methodology among partners.
- ODH will work with partners to create consistency in methodology and maximize comparison.

ODH Maternal and Infant Data Products

- Annual Infant Mortality Report
- Quarterly Infant Mortality Score Card
- Additional Surveillance Briefs
 - Examples:
 - Interpregnancy Interval and Poor Birth Outcomes
 - 2019 Ohio Fetal Mortality Brief – Coming Soon
 - 2019 Teen Birth Report – Coming Soon
 - Racial Disparity in Infant Health – Coming Soon
 - COVID-19 in Pregnancy Surveillance Data and Birth Outcomes – Coming Soon

State-Based Maternal and Infant Surveys

- **Behavioral Risk Factor Surveillance Survey (BRFSS):** includes all adults, can get estimates for women of reproductive age
- **Ohio Pregnancy Assessment Survey (OPAS):** maternal behaviors and experiences before, during, and after a woman's pregnancy, and during the early infancy of her child.
 - ❖ Data Dashboard: grc.osu.edu/OPAS
- **Ohio Study of Associated Risks of Stillbirth (SOARS):** maternal experiences and behaviors prior to, during, and immediately following pregnancy among mothers who have recently experienced a stillbirth (also known as fetal death).
- **Ohio Medicaid Assessment Survey (OMAS):** includes all adults, can get estimates for women of reproductive age
 - ❖ Data Dashboard: grc.osu.edu/OMAS

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